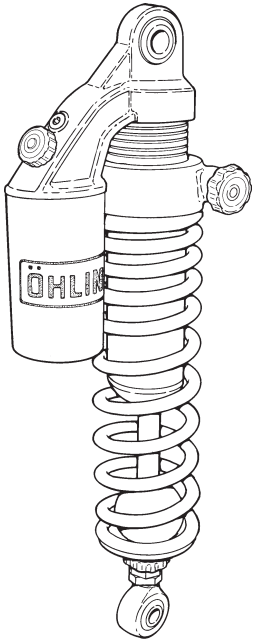
Mounting Instructions

WITH SET-UP DATA



SHOCK ABSORBER HD744
for Harley Davidson Sportster

Before installing this shock absorber, check the contents of the kit listed below. If anything is missing, please contact your nearest Öhlins dealer.

Kit Contents:

	Part no.	Pcs.
Shock absorber	HD744	2
Sleeve	00123-13	4
Washer	03118-08	8
Öhlins Sticker	00192-01	2
Owner's Manual	07241-02	1

During storage and transportation, especially at high ambient temperature, some of the oil and grease used for assembling may leak and stain the packaging. This is in no way detrimental to the product, wipe off the excessive oil/grease with a cloth.

Set-up Data

Spring preload	15 mm
Compression damping	2 clicks
Rebound damping	18 clicks

Shock absorber length	360 ($^{+10}/_{-0}$) mm
Stroke	101 mm

Before installing this product, read the Öhlins Owner's Manual!

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These instructions and other documents can be downloaded from www.ohlins.com

HOW TO INSTALL

⚠ WARNING!

It is advisable to have an Öhlins dealer install the shock absorber.

1

Put the motorcycle on a workstand so that the rear wheel barely touches the ground.

⚠ WARNING!

Make sure the vehicle is securely supported so that it will not tip.

2

Remove the original shock absorbers. *Consult your Vehicle Service Manual.*

NOTE!

Recommendation! Before installing the Öhlins shock absorber:
• clean the vehicle thoroughly
• adjust the length of the shock absorber (check the headlight angle after adjusting the length!)

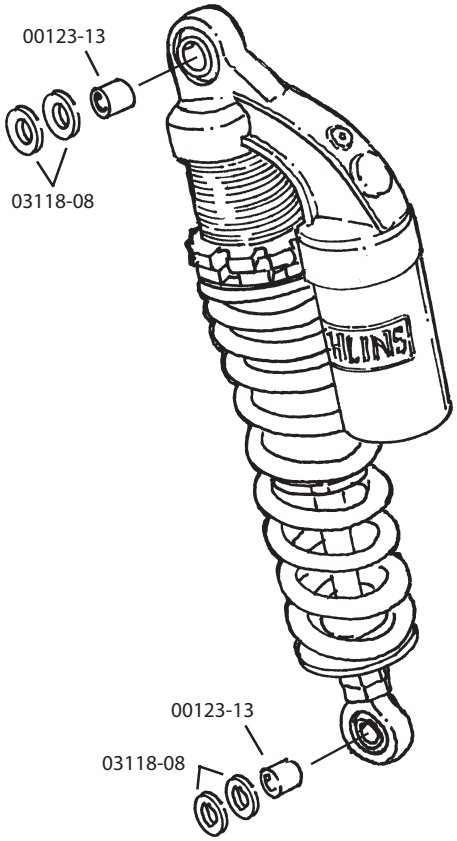
3

Install the Öhlins shock absorbers in the same way as the original units. The shock absorber should be installed with the cylinder head at the top and the reservoir towards the rear. Use the washers and sleeves provided in this kit.

NOTE!

Lower the motorcycle so that the shock absorber is sligthly compressed, before tightening the screws.

Make sure that all screws are tightened to the correct torque and that nothing fouls or restricts movement of the shock absorber when the suspension is fully compressed or extended.



ADJUSTMENTS

Always ensure that the basic settings made by Öhlins are intact.

1 ***Spring Preload***
Turn the knob on the hydraulic preload adjuster. Turn clockwise to increase the spring preload. Turn counter clockwise to release it.

2 ***Compression Damping***
Turn the wheel on top of the reservoir. The adjustments are made in four (4) steps.

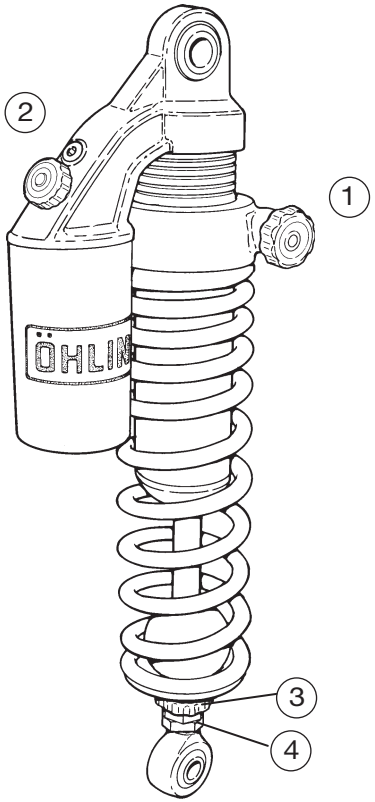
3 ***Rebound Damping***
Turn the adjuster wheel on the piston shaft above the end eye.

⚠ WARNING!

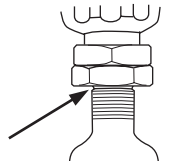
When delivered, the Öhlins shock absorber is dialed to the recommended settings for the specific brand and make of the motorcycle. Before riding, always ensure that the basic settings made by Öhlins are intact.

To set the adjuster:
The turn adjusters have a normal right hand thread. Turn the damping adjusters clockwise to fully closed (position zero [0]). Then, turn counter clockwise to open, and count the clicks until you reach the recommended number of clicks. See Set-up data.

Do not use force, delicate sealing surfaces can be damaged. Handtighten only.



4 ***Length***
Use two wrenches. Hold the upper nut with one hand and at the same time loosen the lock nut (lower nut). Turn the end eye/ bracket to the desired length. Lock the lock nut.



⚠ WARNING!

The adjustable end eye/bracket must not be threaded out more than that the groove is fully visible beneath the lock nut. This is maximum length. After adjusting, make sure that the lock nut is tightened.